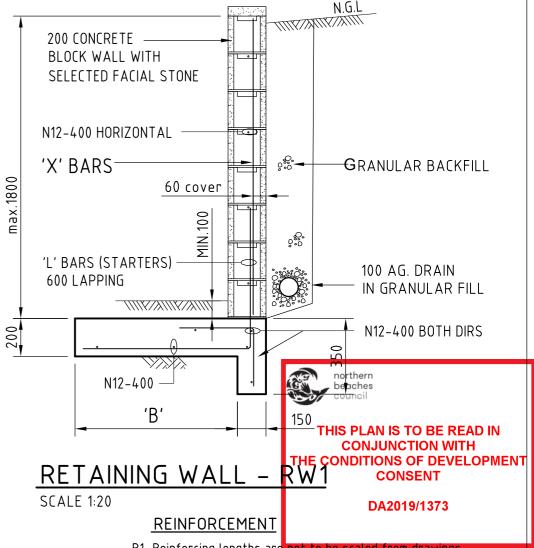


RETAINING WALL RW1 SCHEDULE HEIGHT 'H' BASE 'B' 'X' BARS 'L' BARS 800 - 1400 800 N12-400 N12-400 1400 - 1800 1200 N16-400 N16-400



R1 Reinforcing lengths are not to be sca

R2 Minimum laps for reinforcing bars shall be as follow: --

BAR LAPPING SCHEDULE										
BAR SIZE	12	16								
LAP LENGTH	400	600								

BLOCKWORK

- B1 Blocks shall have a minimum compressive strength of 15 MPa.
- B2 Grout shall achieve a minimum compressive strength f'c=25MPa at 28 days with 230 mm slump mix which will flow freely without segregation.
- B3 All grouted walls shall be vibrated and/or rodded to ensure completed filling and compacting of grout in all cores.

RETAINING WALL RW1 LAYOUT

SCALE 1:100

CONSTRUCTION NOTES

GENERAL

- architectural drawings
- G2 Dimensions shall not be obtained by scaling the structural drawings.
- G3 Setting out dimensions shown on the drawings shall be verified by the builder.
- G4 Refer to architectural drawings for brick and block wall thickness where not mentioned on these drawings, and for falls in slabs, waterproofing membranes and all architectural features such as drip grooves, fillets etc.
- G5 The engineer is to be notified when rock is encountered.

FOUNDATIONS

- G1 These drawings shall be read in conjunction with all F1 Excavation shall be taken into uniform virgin strata, the allowable bearing pressure on this material is assumed to be HARD CLAY OR SHALE
 - F2 Excavation shall not be made below the level of any existing adjacent footings
 - F3 Footings shall be placed centrally under walls and columns, unless noted otherwise.
 - F4 All excavations shall be finished clean and horizontal.
 - F5 The Builder shall obtain approval of the foundation material before placing concrete.
 - F6 All filling work shall comply with AS2870.

CONCRETE

- C1 All reinforcing bars to be in accordance with AS 1302 steel reinforcing bars for concrete.
- C2 All fabric to be in accordance with AS 1304 hard drawn steel wire reinforcing fabric for concrete.
- C3 All concrete work to be in accordance with AS 3600 concrete structures code.
- C4 Minimum 28 day strength of concrete :

Element F'c (MPa) - AS3600 Slump (mm) **FOOTINGS** 80

C5 Concrete cover to reinforcement:

Unprotected Membrane Protected Footings

CLIENT	DESIGNED		PROJECT AT: PROPOSED RETAINING WALLS			_		
				BOB FENG B.E. M.Eng.S. M.I.E.Aust.		at: No.10 PARUNA PLACE, CROMER		ı
					SCALE	DRAWING TITLE		-
				APPROVED	DATE	┤ RETAINING WALL RW1 PLAN AN	ND DETAILS	1
	Α	01.11.19	ISSUE FOR CC AND COUNCIL APPROVAL		OCT 19		ISSUE AMEN'T	S
	No.	Date	Amendment/Issue		DRAWN] 19874 - S01	A -	E

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